County of Los Angeles Fire Department
Prevention Services Bureau / Forestry Division

Vegetation Management Unit
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Live Fuel Moisture Summary

January 31, 2022

LOCATION	THOMAS GUIDE	SPECIES	LIVE FUEL MOISTURE		
LOS ANGELES BASIN			CURRENT	PREVIOUS	%CHANGE
GLENDORA RIDGE, GLENDORA	569 E1	CHAMISE	**102%**	**82%**	24.4%
LA TUNA CANYON, TUJUNGA	503 J5	CHAMISE	**118%**	**85%**	38.8%
LAUREL CANYON, MT. OLYMPUS	593 A1	CHAMISE	**199%**	**103%**	93.2%
WOOLSEY CANYON, CHATSWORTH	499 C7	CHAMISE	**N/A**	**N/A**	N/A
GLENDORA RIDGE, GLENDORA	569 E1	HOARYLEAF CEANOTHUS	**88%**	**89%**	-1.1%
SANTA MONICA MOUNTAINS			CURRENT	PREVIOUS	%CHANGE
CLARK MOTORWAY, MALIBU	586 G7	CHAMISE	**N/A**	**N/A**	N/A
STUNT ROAD, CALABASAS	589 D5	CHAMISE	**122%**	**86%**	41.9%
SCHUEREN ROAD, MALIBU	629 E1	CHAMISE	**137%**	**99%**	38.4%
TRIPPET RANCH, TOPANGA	590 B6	CHAMISE	**210%**	**92%**	128.3%
CLARK MOTORWAY, MALIBU	586 G7	BIGPOD CEANOTHUS	**N/A**	**N/A**	N/A
TRIPPET RANCH, TOPANGA	590 B6	BLACK SAGE	**362%**	**249%**	45.4%
SANTA CLARITA VALLEY			CURRENT	PREVIOUS	%CHANGE
BITTER CANYON, CASTAIC	4370 A4	CHAMISE	**100%**	**84%**	19%
PEACH MOTORWAY, SANTA CLARITA	4640 J5	CHAMISE	**N/A**	**N/A**	N/A
PLACERITA CANYON, SANTA CLARITA	4642 B2	CHAMISE	**N/A**	**N/A**	N/A
BOUQUET CANYON, SAUGUS	4461 G1	CHAMISE	**105%**	**76%**	38.2%
BITTER CANYON, CASTAIC	4370 A4	BLACK SAGE	**250%**	**143%**	74.8%
BITTER CANYON, CASTAIC	4370 A4	PURPLE SAGE	**221%**	**192%**	15.1%
BITTER CANYON, CASTAIC	4370 A4	CALIFORNIA SAGEBRUSH	**244%**	**180%**	35.6%
HIGH COUNTRY			CURRENT	PREVIOUS	%CHANGE
TEMPLIN HIGHWAY, CASTAIC	4279 A3	CHAMISE	**86%**	**79%**	8.9%
SOLEDAD CANYON RD, ACTON	4464 B7	CHAMISE	**N/A**	**N/A**	N/A
TANBARK FLATS, GLENDORA	540 F2	CHAMISE	**96%**	**94%**	2.1%
TANBARK FLATS, GLENDORA	540 F2	HOARYLEAF CEANOTHUS	**99%**	**92%**	7.6%

SUMMARY	CURRENT	PREVIOUS	%CHANGE
LOS ANGELES BASIN CHAMISE (average)	**140%**	**90%**	55.2%
SANTA MONICA MOUNTAINS CHAMISE (average)	**156%**	**92%**	69.3%
SANTA CLARITA VALLEY CHAMISE (average)	**103%**	**80%**	28.1%
HIGH COUNTRY CHAMISE (average)	**91%**	**87%**	5.2%
ALL AREAS ALL FUELS (average)	**159%**	**114%**	39.1%

• LFM is calculated by the formula (Live Sample Weight–Dry Sample Weight)/Dry Sample Weight.

• 60% is generally recognized as approaching a critical level of live-fuel moisture.

• Sampling date: Los Angeles Basin sites were sampled 1/24/22 (La Tuna site burned over during La Tuna Incident in Sepember 2017; Woolsey Site burned over during Woolsey Incident in November 2018), Santa Monica Mountains 1/31/21 (Clark Motorway site burned over during Woolsey Incident in November 2018), Santa Clarita Valley 1/26/22 (Peach Motorway site burned over during Calgrove Incident in June 2015; Placerita Canyon site burned over during Sand Incident in July 2016), and High Country sites 1/16/22 (Soledad Canyon site burned over during Sand Incident in July 2016).

LIVE FUEL MOISTURE SUMMARY / FIRE DANGER ZONE DISCUSSION

Live Fuel Sampling is being reestablished at 4 Historic sites: Woolsey Canyon, Tanbark Flats, Templin Highway & Soledad Road. The addition of these sites will allow for the tracking of LFM in the High Country and Los Angeles Basin. The Santa Monica Mountains, Santa Clarita Valley and All Areas All Fuels Data sets and Graphs remain unchanged by these additions.

On average we are seeing Live Fuel Moisture values across all areas in Los Angeles County increasing, reflecting the 1981-presnent the trend line. We expect the moisture values to continue to increase as we receive precipitation throughout the remainder of winter and into the spring.